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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

MOHRI, NAOTAKE, et al.

Appln. No.: 09/872,421

Confirmation No.: 8462

Filed: May 31, 2001

For: METHOD AND DEVICE FOR DISCHARGING SURFACE TREATMENT



Group Art Unit: 1762

Examiner: Not yet assigned

PRELIMINARY AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

IN THE SPECIFICATION:

Page 6, paragraph 1, replace with the following new paragraph

*2*  
*B<sub>1</sub>*

In the discharging surface treatment method according to a first aspect of this invention, a powder that is formed by a simple substance or a combination of a plurality of carbides of metals belonging to the IVa, Va and VIa families in the Periodic Table is mixed ferrous-family metal powder or non-ferrous metal powder having the same composition as the treatment target as a simple substance or a combination of a plurality of metals, and this is compressed and molded, and then burned at a temperature at which the ferrous-family or non-ferrous metal powder starts to elute to form an electrode serving as a discharge processing electrode, and the electrical conditions at the time when the base member of the treatment target is directly subjected to a discharging surface treatment and the electrical conditions at the time when a hard coat film that